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17302 U.S. PTO  
107661132  
09/12/03

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))		<b>Attorney Docket No.</b>	110003.00031.03AB131
		<b>First Inventor</b>	Mark M. Harbaugh
		<b>Title</b>	Filter With Increased First Harmonic Response
		<b>Express Mail Label No.</b>	EL 990 621 478 US


<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 31] <i>(Preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 9] 5. Oath or Declaration [Total Pages 2] a. <input checked="" type="checkbox"/> Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) b. <input type="checkbox"/> (for continuation/divisional with Box 18 completed) c. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
<b>ACCOMPANYING APPLICATION PARTS</b> 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other:			

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Art Unit \_\_\_\_\_  
 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

<b>19. CORRESPONDENCE ADDRESS</b>					
<input checked="" type="checkbox"/> Customer Number		26710		or <input checked="" type="checkbox"/> Correspondence address below	
<b>Name</b>		Susan M. Donahue			
<b>Address</b>		Rockwell Automation, Inc. 1201 South Second Street			
<b>City</b>		Milwaukee		<b>State</b>	WI
<b>Country</b>		USA		<b>Zip Code</b>	53204
<b>Telephone</b>		414.382.4463		<b>Fax</b>	414.382.3900

<b>Name (Print/Type)</b>	Michael A. Jaskolski	<b>Registration No. (Attorney/Agent)</b>	37,551
<b>Signature</b>		<b>Date</b>	9-12-03

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09/12/03

01576 U.S. PTO

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$1,068.00)

(5-03)  
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## Complete if Known

Application Number	
Filing Date	Herewith
First Named Inventor	Mark M. Harbaugh
Examiner Name	
Art Unit	
Attorney Docket No.	110003.00031.03AB131

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:

Deposit Account Number	17-0055
Deposit Account Name	Quarles & Brady LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity/Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
	1001 750	2001 375	Utility filing fee	750.00
	1002 330	2002 165	Design filing fee	
	1003 520	2003 260	Plant filing fee	
	1004 750	2004 375	Reissue filing fee	
	1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$750.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	26 -20** = 6	18.00	108.00
Multiple Dependent	5 3 = 2	84.00	168.00

## Large Entity / Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$276.00)

\*\*For number previously paid. If greater. For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity/Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
	1051 130	2050 65	Surcharge - late filing fee or oath	
	1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
	1053 130	1053 130	Non-English specification	
	1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
	1804 920	1804 920	Requesting publication of SIR prior to Examiner action	
	1805 1,840	1805 1,840	Requesting publication of SIR after Examiner action	
	1251 110	2251 55	Extension for reply within first month	
	1252 410	2252 205	Extension for reply within second month	
	1253 930	2253 465	Extension for reply within third month	
	1254 1,450	2254 725	Extension for reply within fourth month	
	1255 1,970	2255 985	Extension for reply within fifth month	
	1401 320	2401 160	Notice of Appeal	
	1402 320	2402 160	Filing a brief in support of an appeal	
	1403 280	2403 140	Request for oral hearing	
	1451 1,510	1451 1,510	Petition to Institute a public use proceeding	
	1452 110	2452 55	Petition to revive - unavoidable	
	1453 1,300	2453 650	Petition to revive - unintentional	
	1501 1,300	2501 650	Utility issue fee (or reissue)	
	1502 470	2502 235	Design issue fee	
	1503 630	2503 315	Plant issue fee	
	1460 130	2460 130	Petitions to the Commissioner	
	1807 50	1807 50	Processing fee under 37 CFR 1.17(g)	
	1806 180	2806 180	Submission of Information Disclosure Stmt	
	8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
	1809 750	2809 375	Filing a submission after final rejection (37 CFR § 1.129(a))	
	1810 750	2810 375	For each additional invention to be examined (37 CFR § 1.129(b))	
	1801 750	2801 375	Request for Continued Examination (RCE)	
	1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$40.00)

## SUBMITTED BY

Name (Print/Type) Michael A. Jaskolski

Registration No. 37,551  
(Attorney/Agent)

## Complete (if applicable)

Telephone 414.277.5711

Signature

Date 9-12-03

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